

AMENDMENTS TO THE ABSTRACT

Kindly replace the original Abstract with the enclosed Abstract.

ABSTRACT OF THE DISCLOSURE (clean copy)

A method of computing a contour, such as the endocardial boundary in an ultrasound long-axis view of the heart, is disclosed. A plurality of points is input, such that each point is indicative of a predetermined landmark point in an image. A preliminary contour is then derived based on the input points and a known average contour shape which has been obtained from a database of contours derived from previous images. Finally, the preliminary contour is deformed to fit features identified in the image by a feature-extraction algorithm, to obtain a computed contour.